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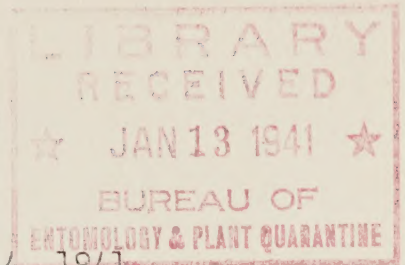
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UNITED STATES DEPARTMENT OF AGRICULTURE
Bureau of Entomology and Plant Quarantine
Washington, D. C.



January 4, 1941.

In the attached statement there are summarized the results of the 1940 trap-scouting to determine the distribution of the Japanese beetle. Also included as part of the record are lists showing comparative trapping records for the current and preceding years in localities now outside the Japanese beetle regulated area.

Moderate extensions of the regulated area are contemplated to include established infestations in New York, Pennsylvania, West Virginia, Maryland and Virginia.

Discoveries of a few beetles each were made in several Florida cities this year, the first beetles that have been captured there since trapping was started in the State.

This year the State of Maryland completed its third season's activities in a Japanese beetle retardation campaign. Two rural infestations in Maryland have been omitted from the regulated zone to permit continued suppressive work there by the State.

Soil treating programs to suppress isolated infestations have been completed in Ohio, North Carolina, Illinois, Michigan, Indiana and Georgia. The most extensive soil treating program undertaken by any State was completed in North Carolina during the past year. All infestations in the State, with the exception of one at Asheville, have received lead arsenate applications. Due to difficult terrain, the localized infestation in Asheville does not lend itself to this type of treatment. Infested sections of Asheville will receive inoculations of the milky disease to control the Japanese beetle grubs and extensive trapping will be repeated there in 1941. Shipment of host material from Asheville is already subject to State quarantine regulations paralleling the Federal requirements.

These control measures are considered adequate to eliminate the hazard of interstate spread of the insect from non-quarantined States. Accordingly, no quarantine hearing will be held at this time to consider the extension of the regulated zone or modification of the regulations. The accompanying statement is issued in lieu of the report usually presented at quarantine hearings. It makes available to State plant pest officials and other interested parties the latest information on the distribution of this insect.

LEE A. STRONG,

Chief of Bureau.

Attachments.



JAPANESE BEETLE CONTROL OPERATIONS DURING 1940

Trap-scouting to determine the spread of the Japanese beetle in un-quarantined States and in non-regulated portions of infested States was carried on during 1940 in 490 localities in 39 States. From the time the first traps were placed in Miami, Florida on April 16 until the last trap route was discontinued in St. Louis, Mo. on September 30, 83,019 traps were operated, most of them for periods of 30 days each. The trapping personnel at the peak of the season totaled 366 trap inspectors. These comprised 217 temporary Federal inspectors, 13 Federal and State appointees, and 136 workers from the National Youth Administration, Works Progress Administration and State per diem payrolls.

Trapping was with negative results in 359 cities and towns. The 131 communities in which beetles were trapped, divided as to States, were: Florida 3, Georgia 5, Illinois 3, Indiana 9, Kentucky 1, Maine 2, Maryland 41, Michigan and Missouri 2 each, New York 5, North Carolina 20, Ohio 11, Pennsylvania 5, South Carolina 3, Virginia 13, and West Virginia 6. Fifty-six of these positive catches were first-records; 75 were recurring infestations carried over from minimal infestations of previous years. Of these infestations, 42 are incipient or negligible and may be ignored for the present year. Forty of the isolated infestations have been treated with lead arsenate. An additional 44 it is contemplated will be included within the regulated territory. Another is already subject to rigid State quarantine. The remaining four will be permitted to remain outside the regulated area under safeguards to permit further suppressive work in connection with the Maryland retardation campaign.

Traps were again operated at Bureau field stations in States not covered by the regular trapping program of the Division of Japanese Beetle Control. In this manner, 1,684 traps were set in 20 States exclusively trapped by Divisions engaged in other work carried on by the Bureau, and in 13 States in which the regular trapping was supplemented by the intra-Bureau program. All traps operated west of the Mississippi River were tended by the staffs of Bureau field stations. This supplementary program disclosed the absence of Japanese beetles at the 147 locations at which traps were set. The only non-quarantined States not included in the Bureau-wide field survey were Montana, Nevada, Oklahoma, and South Dakota.

There were few new developments at the isolated infestations at which large control programs were repeated this year. Uniform reductions were obtained in the sections treated in Atlanta and East Point, Georgia, and Chicago, Ill. There were nominal reductions and some slight increases in the carry-over infestations in Indiana, where 142 acres in seven cities received lead arsenate applications this year. This season's trap captures in St. Louis, Mo. were 30 beetles, or approximately the same reduced number caught outside the treated areas in each of the two previous years. Treating of an additional 23 acres was necessary to take care of the escaped infestations in St. Louis. Treating in Dansville and Newark, N. Y. was jointly sponsored by the local nurserymen and the municipalities concerned, with State and Federal cooperation. North Carolina's treating program was the most extensive of any carried on this year. Approximately 260 acres had been completed in 16 communities by the middle of December, with work

still in progress in two cities where an additional 60 acres were scheduled for treatment. Ohio also repeated their large-scale treating program, with 119 acres covered this fall. Thirty-eight acres in Danville, Va. were treated under State and municipal auspices. All treatments this fall were at the rate of 500 pounds of lead arsenate per acre. As in previous years, the Bureau of Entomology and Plant Quarantine furnished the spray trucks, truck drivers, and a supervisor to cooperate with the State official directly in charge of the treating.

Established, untreated infestations of such size or in such proximity to the regulated area as to require quarantine extension were found in 37 Maryland communities, Auburn, N. Y., Asheville, N. C., Grove City, Meadville and Titusville, Pa., Emporia, Petersburg, Washington and Winchester, Va., and Benwood, McMechen and Moundsville, W. Va. The principal quarantine extension contemplated to include these infestations is in Maryland, where considerable territory will be added on the western border of the present regulated zone. In New York the addition of a few towns in Cayuga County is all that is necessary to add Auburn to the regulated area. Portions of Crawford, Erie, Forest, Mercer, Warren and Venango Counties will be affected by the contemplated revision of the regulated area in Pennsylvania. Moderate extensions of the Virginia area will occur in Rappahannock and Chesterfield Counties, with the city of Winchester and the town of Emporia included as isolated areas. West Virginia extensions will probably include Ohio County and a part of adjoining Marshall County, both in the panhandle district of the State.

An unusual situation exists at Asheville, N. C., where a moderately heavy, yet localized infestation was found. Due to the presence of cultivated fields and considerable wild growth in the section involved, lead arsenate treatment is impracticable. Inasmuch as this section is isolated from other infestations, suppressive work is desirable there to prevent its becoming a source of secondary infestation by natural flight of the adults. Inclusion of the area under Federal quarantine would permit the entry of infested products and would render ineffective any further suppressive work. Consequently, Federal quarantine action is being withheld and a combined program of milky disease inoculation to control the grub and further intensive trapping to catch any escaped adults will be carried on there in 1941. Strict enforcement of a State quarantine paralleling the Federal regulations will guard against the movement of infested soil or plant material from that area.

Surveys of those sections in the regulated area most heavily infested by the insect indicate very limited extensions of the area of heavy flight in southeastern Pennsylvania and in districts surrounding Baltimore, Md.

**JAPANESE BEETLE TRAPPING
OUTSIDE PRESENT REGULATED AREA**

1930 - 1940

Location	1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
FLORIDA																				
Jacksonville	600	5	-	-	-	-	792	-	-	-	-	-	-	-	-	-	400	-	-	-
Miami	600	2	12	-	12	-	778	-	-	-	-	-	-	-	-	-	400	-	-	-
Tampa	600	1	-	-	-	-	796	-	-	-	-	-	-	-	-	-	400	-	-	-
GEORGIA																				
Atlanta	3109	32	3200	40	3033	122	1487	6	396	-	-	-	-	-	-	-	400	-	24	-
Augusta	-	-	400	-	-	-	392	-	392	1	-	-	-	-	-	-	400	-	-	-
Chamblee	50	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Point	440	137	400	142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gainesville	200	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jonesboro	83	-	60	-	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Savannah	-	-	298	-	12	1	800	-	395	1	-	-	-	-	-	-	400	-	300	-
Toccoa	123	2	92	-	-	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-
ILLINOIS																				
Chicago	10000	462	9838	549	9926	330	9980	384	7500	3740	3065	39	1038	6	-	-	-	-	300	-
Cicero	800	-	800	2	600	5	400	1	-	-	-	-	-	-	-	-	-	-	-	-
East St. Louis	600	5	800	24	800	1	1234	3	1102	2	1060	3	804	1	-	-	-	-	-	-
Elgin	-	-	-	-	385	-	388	1	-	-	-	-	-	-	-	-	-	-	-	-
Evanston	800	-	800	16	600	1	400	20	-	-	-	-	-	-	-	-	-	-	-	-
Oak Park	300	1	-	-	600	-	800	-	-	-	-	-	-	-	-	-	-	-	-	-
INDIANA																				
Bluffton	250	-	300	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Chicago	-	-	300	-	300	1	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Elkhart	299	77	316	5	300	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Wayne	1200	52	1600	105	1600	20	800	18	399	5	-	-	-	-	-	-	-	-	-	-
Hammond	300	-	50	3	400	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Indianapolis	2700	160	3280	76	3600	10	3500	12	3500	28	2434	57	792	17	-	-	-	-	-	-
Logansport	313	13	400	98	400	8	300	1	-	-	-	-	-	-	-	-	-	-	-	-
Muncie	-	-	400	1	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-
New Castle	200	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richmond	300	7	400	1	-	-	400	-	398	-	-	-	-	-	-	-	48	-	-	-
South Bend	1200	12	1600	-	1600	8	800	43	400	3	-	-	-	-	-	-	-	-	-	-
Warsaw	194	60	300	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whiting	300	4	250	18	100	1	200	-	-	-	-	-	-	-	-	-	-	-	-	-
IOWA																				
Ft. Madison	-	-	200	-	200	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KENTUCKY																				
Lexington	-	-	600	-	597	1	391	1	400	1	-	-	-	-	-	-	-	-	-	-
Louisville	1200	4	1600	13	1566	62	800	10	800	2	-	-	-	-	-	-	-	-	-	-
MAINE																				
Augusta	-	-	-	-	300	-	-	-	253	-	200	1	204	1	296	7	148	1	-	-
Bangor	325	9	400	5	260	3	-	-	301	-	293	1	204	-	388	-	200	-	-	-
Bar Harbor	95	4	-	-	100	-	-	-	172	-	120	-	201	-	-	-	-	-	-	-
Bath	-	-	150	-	200	2	-	-	175	-	203	-	202	-	202	-	-	-	-	-
Brunswick	-	-	175	-	200	1	-	-	71	-	84	-	120	-	60	-	-	-	-	-
Ellsworth	115	-	100	-	100	1	-	-	125	-	72	-	-	-	-	-	-	-	-	-
MARYLAND																				
Ashton	5	9	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	-	-
Aquasco	10	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beverly Beach	-	-	-	-	-	-	10	-	10	1	-	-	-	-	-	-	-	-	-	-
Boonsboro	150	41	-	-	-	-	10	-	24	-	-	-	-	-	50	-	-	-	-	-
Boys	6	24	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-
Chesapeake Bch.	100	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Church Creek	50	668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Clarksburg	5	10	-	-	-	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-
Clear Spring	100	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Damascus	10	24	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Darnestown	5	12	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-
Dickerson	5	94	-	-	-	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-
Edgemont	-	-	-	-	-	-	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Emmitsburg	100	20	16	-	96	3	55	-	50	-	50	1	50	-	65	-	60	-	-	-
Finksburg	25	175	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Freeland	-	-	-	-	-	-	10	1	-	-	-	-	-	-	-	-	-	-	-	-
Gaithersburg	175	945	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Great Falls	2	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hancock	100	10	-	-	102	-	-	-	24	-	23	1	24	2	-	-	304	-	-	-
Hebron	70	327	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hereford	-	-	-	-	-	-	10	-	10	1	10	-	-	-	25	-	-	-	-	-
Hughesville	-	-	-	-	64	-	10	-	14	-	20	-	20	-	20	1	2	-	-	-
Indian Head	150	26	-	8	-	-	10	3	10	-	-	-	-	-	-	-	-	-	-	-
Kenwood Beach	-	-	-	-	-	-	12	17	-	-	-	-	-	-	-	-	19	-	-	-
Keymar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laytonsville	10	40	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	-	-
Leonardtwn	225	4	1	-	192	-	10	-	20	-	25	3	25	-	40	1	-	-	-	-
Lisbon	-	-	-	-	-	-	7	1	-	-	-	-	-	-	-	-	-	-	-	-
Manchester	100	23	-	-	-	-	10	-	-	-	-	-	-	-	10	-	-	-	-	-
Mangansville	150	1040	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mardela Springs	60	51	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
Mechanicsville	-	-	-	-	50	2	10	-	10	-	10	-	10	-	20	1	-	-	-	-
Middletown	100	4900	-	-	-	-	-	-	25	-	-	-	50	-	50	-	50	-	-	-
Mount Savage	-	-	-	7	-	-	25	1	20	-	-	-	-	-	70	-	-	-	-	-

JAPANESE BEETLE TRAPPING
1930 - 1940

- 2 -

Location	1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
MARYLAND																				
(Cont'd.)																				
Nanticoke	40	102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Beach	100	214	-	33	-	-	10	1	10	-	-	-	-	-	-	-	-	-	-	-
Olney	10	46	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Poolesville	15	401	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-
Potomac	3	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Frederick	125	11	-	1	90	-	10	-	10	-	-	-	-	-	21	-	-	-	-	-
Quantico	20	241	-	-	-	-	25	-	25	-	40	-	40	-	40	1	108	1	-	-
Reisterstown	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ridgeville	-	-	-	47	24	9	-	-	-	-	-	-	-	-	10	-	-	-	-	-
Ringgold	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Camp Louise)	-	33000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riviera Beach	-	-	-	-	-	-	-	-	10	51	-	-	-	-	-	-	-	-	-	-
Sandy Spring	5	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seaside Park	-	-	-	-	-	-	10	1	10	-	-	-	-	-	-	-	-	-	-	-
Shadyside	100	9	-	3	82	-	10	-	10	1	-	-	-	-	-	-	-	-	-	-
Smithsburg	150	202	-	-	64	-	15	-	-	-	-	-	-	-	25	-	-	-	-	-
Solomons	-	-	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solomons Island	100	163	-	-	-	-	10	2	10	10	-	-	11	1	25	2	-	-	-	-
Taylorville	25	138	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-
Thurmont	100	59	-	9	106	2	50	2	43	-	50	-	50	1	78	-	186	-	-	-
Union Bridge	100	4	-	-	-	-	15	2	-	-	-	-	-	-	50	-	-	-	-	-
Union Mills	25	3	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-
Vienna	50	66	-	-	-	-	10	-	10	-	-	-	-	-	-	-	-	-	-	-
Westernport	-	-	-	19	100	-	40	-	50	1	93	-	44	-	75	1	-	-	-	-
MICHIGAN																				
Birmingham	200	-	200	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dearborn*	400	-	400	5	780	1	796	6	398	1	-	-	-	-	-	-	-	-	200	-
Detroit	6000	252	5250	115	5313	82	5045	67	4686	128	790	23	792	10	1042	4	389	8	100	-
Grosse Pointe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Farms	200	-	25	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Highland Park	-	-	400	-	200	2	200	-	-	-	-	-	-	-	-	-	-	-	-	-
Melvindale	100	1	200	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pontiac	-	-	200	-	50	1	398	-	-	-	-	-	-	-	144	-	-	-	-	-
MISSOURI																				
Bridgetown-																				
(St. Louis- Lambert Field)	51	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Louis	12299	30	12230	26	12500	27	12557	1	11562	88	10070	1232	2604	1351	-	-	-	-	-	-
NEW HAMPSHIRE																				
Woodsville	-	-	1	-	12	-	-	-	100	-	-	-	-	-	202	1	-	-	-	-
NEW YORK																				
Albion	-	-	-	-	100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auburn	100	37	65	11	288	-	-	-	200	-	210	-	204	-	372	-	92	-	-	-
Batavia	300	-	400	1	-	-	200	-	-	-	204	-	84	-	198	-	391	-	300	-
Canandaigua	200	2	200	5	100	4	-	-	-	-	-	-	-	-	-	-	396	-	-	-
Dansville	300	6	150	116	100	10	-	-	-	-	-	-	60	-	-	-	81	-	-	-
Dundee	30	-	20	1	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunkirk	-	-	-	-	197	1	-	-	98	-	96	-	-	-	198	-	125	1	100	-
East Aurora	-	-	-	-	99	-	-	-	-	-	-	-	60	-	198	1	192	-	-	-
Fulton	-	-	-	-	-	-	190	1	-	-	-	-	-	-	204	-	-	-	-	-
Geneva	200	5	300	15	200	2	-	-	200	-	191	-	132	-	192	1	100	2	-	-
Gowanda	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	144	1	-	-
Hammondsport	-	-	40	-	21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jamestown	-	-	-	-	-	-	800	-	398	1	204	1	287	-	197	1	-	-	-	-
Lockport	-	-	-	-	-	-	-	-	195	1	-	-	196	-	196	-	89	-	-	-
Mayville	-	-	30	1	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Messena	-	-	-	-	100	1	-	-	-	-	-	-	-	-	204	-	-	-	-	-
Medina	-	-	-	-	150	1	-	-	-	-	-	-	60	1	198	-	-	-	-	-
Newark	200	21	200	2	198	1	200	-	100	-	96	-	-	-	192	-	-	-	-	-
Niagara Falls	-	-	-	-	-	-	790	13	800	10	403	7	396	1	380	2	250	13	-	-
Olean	-	-	-	-	-	-	400	-	200	1	209	2	204	2	198	2	177	-	-	-
Oswego	-	-	-	-	-	-	200	17	200	2	204	-	204	1	192	1	99	-	-	-
Penn Yan	40	-	70	1	100	-	-	-	-	-	96	-	96	-	-	-	110	1	-	-
Seneca Falls	55	-	60	1	100	-	-	-	-	-	96	-	60	-	-	-	141	1	-	-
Westfield	-	-	200	-	-	-	50	-	100	-	96	-	96	-	198	1	-	-	-	-
NORTH CAROLINA																				
Asheville	900	19322	400	1073	12	-	396	-	400	1	400	-	-	-	395	2	-	-	-	-
Aulander	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	1	-	-	-	-
Burlington	300	34	200	5	-	-	193	-	200	1	-	-	-	-	250	1	-	-	-	-
Charlotte	600	37	888	36	-	-	788	13	400	5	400	8	-	-	396	-	-	-	-	-
Durham	600	58	800	29	800	15	394	6	399	1	383	4	-	-	396	-	192	1	-	-
East Spencer	200	985	200	645	-	-	189	194	73	40	-	-	-	-	-	-	-	-	-	-
Elizabeth City	200	29	350	46	200	11	197	1	192	1	192	-	-	-	202	-	-	-	-	-
Fayetteville	-	-	-	-	196	-	-	-	200	-	200	-	-	-	200	5	400	-	-	-
Goldsboro	200	2	197	3	-	-	-	-	200	-	200	1	-	-	200	-	-	-	-	-
Greensboro	900	100	1000	334	-	-	384	370	779	15	400	13	-	-	396	1	-	-	-	-

*Dearborn, Michigan - 1930

100 traps - no beetles

1930 - 1940

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Location	1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
NORTH CAROLINA (Cont'd.)																				
Hamlet	-	-	97	1	100	5	-	-	-	-	-	-	-	-	51	-	-	-	-	-
Henderson	-	-	-	-	98	-	-	-	60	-	100	2	-	-	175	2	-	-	-	-
High Point	600	77	800	37	600	34	400	3	396	2	371	1	-	-	300	-	-	-	-	-
Kinston	-	-	10	-	200	1	-	-	200	-	200	-	-	-	196	-	-	-	-	-
Lexington	200	8	196	11	158	2	-	-	-	-	150	-	-	-	99	1	-	-	-	-
Lumberton	100	-	-	-	-	-	-	-	99	-	100	1	-	-	75	-	-	-	-	-
Murfreesboro	20	-	-	-	-	-	-	-	-	-	-	-	-	-	36	1	-	-	-	-
Oxford	12	-	-	-	-	-	-	-	40	-	50	1	-	-	100	-	-	-	-	-
Raleigh	600	33	606	12	600	20	397	4	400	2	400	10	-	-	396	3	204	9	-	-
Rocky Mount	300	12	200	10	400	1	393	3	400	6	395	6	-	-	275	1	-	-	-	-
Salisbury	200	87	300	30	-	-	407	6	526	3	300	5	-	-	171	1	-	-	-	-
Sanford	100	11	100	38	96	16	-	-	99	-	100	2	-	-	100	-	-	-	-	-
Spencer	200	157	300	374	-	-	200	227	206	28	200	54	-	-	26	4	-	-	-	-
Statesville	-	-	-	-	200	1	-	-	200	-	200	1	-	-	200	-	-	-	-	-
Tarboro	100	1	-	-	-	-	-	-	-	-	100	-	-	-	121	-	-	-	-	-
Thomasville	-	-	200	2	181	2	-	-	200	-	200	-	-	-	96	-	-	-	-	-
Wake Forest	-	-	-	-	-	-	-	-	25	-	35	1	-	-	60	-	-	-	-	-
Washington	-	-	-	-	94	-	-	-	-	-	-	-	-	-	146	1	-	-	-	-
Weldon	100	3	-	-	-	-	-	-	30	-	-	-	-	-	50	-	-	-	-	-
Wilmington	600	43	600	90	100	40	380	9	400	2	347	-	-	-	395	2	400	-	300	-
Wilson	200	3	200	4	200	4	200	1	200	1	200	-	-	-	196	-	-	-	-	-
Winston-Salem	1200	366	1600	1182	-	-	1158	273	1212	37	700	109	-	-	396	5	400	10	-	-
OHIO																				
Ashtabula	299	53	400	97	397	126	212	129	299	-	103	-	100	-	216	-	250	-	-	-
Athens	100	1	-	-	198	-	198	-	-	-	-	-	-	-	-	-	-	-	-	-
Belpre	102	191	100	124	36	9	12	-	-	-	-	-	-	-	-	-	-	-	-	-
Bucyrus	200	3	-	-	-	-	194	-	-	-	150	-	-	-	-	-	-	-	-	-
Chillicothe	-	-	-	-	-	-	297	-	-	-	171	1	132	-	132	-	-	-	-	-
Cincinnati	-	-	-	-	1200	-	950	1	978	-	800	-	-	-	396	-	400	-	300	-
Conneaut	300	371	200	184	196	13	200	1	200	6	95	2	100	-	-	-	-	-	-	-
Elyria	299	1	400	2	-	-	400	-	-	-	-	-	-	-	-	-	-	-	-	-
Gallipolis	200	769	200	217	197	20	199	12	100	7	-	-	-	-	-	-	-	-	-	-
Lancaster	200	-	-	-	196	-	-	-	280	-	300	2	-	-	-	-	-	-	-	-
Marietta	300	38	300	48	260	19	284	45	300	121	200	12	-	-	196	-	-	-	-	-
New Concord	35	1	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Salem	-	-	100	704	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norwalk	100	1	200	-	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sandusky	-	-	100	-	12	1	382	-	200	-	-	-	-	-	-	-	-	-	-	-
Washington C.H.	-	-	-	-	-	-	198	-	-	-	125	-	132	-	132	1	-	-	-	-
Zanesville	300	23	200	5	-	-	398	-	400	-	396	1	-	-	198	-	246	1	-	-
PENNSYLVANIA																				
Greenville	300	2	200	1	-	-	100	-	195	-	-	-	-	-	92	-	-	-	-	-
Grove City	200	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meadville	400	16	400	7	-	-	198	-	300	-	-	-	-	-	92	-	392	-	-	-
Titusville	300	21	200	6	-	-	97	-	150	-	-	-	-	-	92	-	-	-	-	-
Wesleyville	65	1	-	-	-	-	41	-	-	-	-	-	-	-	-	-	-	-	-	-
SOUTH CAROLINA																				
Charleston	300	12	-	-	794	2	783	2	730	11	755	-	-	-	-	-	800	-	300	4
Florence	200	8	12	-	12	-	297	-	300	-	306	-	-	-	225	1	201	2	-	-
Greenville	900	12	800	5	765	6	750	1	794	33	799	89	204	2	396	1	-	-	-	-
TENNESSEE																				
Bristol	-	-	200	-	172	-	151	-	175	4	-	-	-	-	-	-	-	-	-	-
VIRGINIA																				
Ashland	-	-	-	-	29	-	60	-	50	1	100	7	102	-	100	4	-	-	-	-
Berryville	100	7	30	3	33	-	-	-	-	-	-	-	36	-	25	-	42	-	-	-
Bon Air	-	-	-	-	12	3	-	-	10	14	5	6	-	-	20	-	-	-	-	-
Bristol	-	-	-	-	145	2	-	-	125	1	-	-	-	-	175	-	-	-	-	-
Buena-Vista	-	-	200	-	196	4	100	1	100	-	-	-	-	-	50	-	-	-	-	-
Charlottesville	-	-	-	-	99	-	397	68	400	29	299	30	204	60	308	6	400	7	-	-
Clifton Forge	-	-	-	-	-	-	84	-	100	1	-	-	-	-	146	-	-	-	-	-
Courtland (Southampton County)	20	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Danville	299	43	400	11	-	-	375	-	400	2	383	4	204	-	300	-	-	-	-	-
E. Highland Pk.	-	-	-	-	-	-	-	-	-	-	8	1	-	-	-	-	-	-	-	-
Emporia	-	16	-	-	-	-	32	5	30	2	60	8	60	7	58	3	-	-	-	-
So. Emporia	76	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No. Emporia	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Front Royal	100	2	41	5	52	1	197	1	200	-	200	2	448	-	50	1	61	-	-	-
Harrisonburg	200	5	-	-	199	6	200	-	200	-	200	1	228	-	196	1	178	2	-	-
Hopewell	-	-	-	-	130	-	200	-	200	-	200	-	180	-	40	1	-	-	-	-
Luray	10	1	-	-	44	1	-	-	25	-	40	-	40	-	40	-	47	1	-	-
Lynchburg	-	-	400	-	-	-	789	-	399	-	394	-	192	-	396	-	400	2	-	-
Milford	-	-	22	1	17	3	10	-	5	-	-	-	12	-	-	-	-	-	-	-
New Market	20	-	-	-	20	3	-	-	25	-	25	-	25	-	20	-	24	1	-	-
Orange	-	-	25	-	30	-	30	-	-	-	48	2	48	-	40	1	-	-	-	-
Petersburg	200	61	200	4	-	-	400	-	400	1	395	1	216	-	336	-	200	2	-	-
Petersburg Pike	-	-	-	-	-	-	2	-	-	-	30	4	-	-	-	-	-	-	-	-
Pulaski	-	-	-	-	-	-	90	31	150	29	143	14	-	-	200	-	-	-	-	-
Rappahannock Academy	-	-	18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

JAPANESE BEETLE TRAPPING
1930 - 1940

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Location	1940		1939		1938		1937		1936		1935		1934		1933		1932		1931	
	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.	Traps	J.B.
VIRGINIA																				
(Cont'd.)																				
Roanoke	-	-	-	-	-	-	757	38	800	16	406	28	204	9	396	7	400	23	-	-
Route #2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
(Fredericksburg)	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
South Hill	30	-	-	-	-	-	20	1	15	-	-	-	-	-	41	-	-	-	-	-
Staunton	-	-	-	-	198	7	200	2	200	-	192	3	192	-	225	1	135	-	-	-
Strasburg	25	2	-	-	10	-	-	-	-	-	-	-	36	-	40	-	-	-	-	-
Timberville	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unionville	-	-	20	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Warsaw	-	-	20	-	15	1	10	-	9	-	-	-	-	-	15	-	-	-	-	-
Washington	53	978	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-	-
Waynesboro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Winchester	400	79	-	-	-	-	-	-	100	-	96	1	-	-	114	-	-	-	-	-
Woodstock	25	5	397	9	383	25	300	5	301	9	300	8	276	6	296	2	186	7	-	-
			-	-	30	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-
WEST VIRGINIA																				
Benwood	24	35	-	-	-	-	-	-	-	-	-	-	-	-	132	-	-	-	-	-
Berkeley Springs	-	-	-	-	30	-	-	-	-	-	35	-	36	1	-	-	-	-	-	-
Buckhannon	-	-	70	3	-	-	90	-	-	-	-	-	-	-	-	-	-	-	-	-
Elkins	-	-	70	2	-	-	125	-	-	-	-	-	-	-	156	-	-	-	-	-
Huntington	-	-	-	-	593	-	796	2	400	2	400	1	-	-	198	-	-	-	-	-
McMechen	27	5	-	-	-	-	-	-	-	-	-	-	-	-	132	-	-	-	-	-
Moundsville	198	30	200	2	-	-	200	-	-	-	200	1	-	-	132	-	-	-	-	-
Paden City	25	2	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phillipi	-	-	25	2	-	-	60	1	-	-	-	-	-	-	-	-	-	-	-	-
Princeton	-	-	-	-	-	-	100	2	97	4	150	3	168	6	132	2	-	-	-	-
St. Mary's	25	1	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sistersville	20	1	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Weston	-	-	70	1	-	-	101	-	-	-	150	-	-	-	199	-	-	-	-	-

